

REMARKS

These remarks and the accompanying amendments are responsive to the Office Action mailed June 7, 2004 (hereinafter referred to as the "Office Action"), having a shortened statutory period for response that expired on September 7, 2004. A petition and fee for a one month extension of time accompanies this response, thereby extending the period for response until October 7, 2004.

Claims 1-10 were pending at the time of the last examination, and stand rejected. By this amendment, Claims 1, 5 and 8 are currently amended, and Claims 3, 4, 7 and 10 are cancelled. Accordingly, upon entry of this amendment, Claims 1, 2, 5, 6, 8 and 9 will be pending for further consideration, the independent claims 1, 5 and 8 being amended.

The Office Action rejected all of the claims as being unpatentable over United States patent number 6,385,454 issued to Bahl et al. (hereinafter referred to as "Bahl") in view of United States patent number 6,363,323 issued to Jones (hereinafter referred to as "Jones"). The applicants respectfully request reconsideration in light of these remarks.

Summary of Bahl

Bahl discloses the connection management of mobile units in a wireless cellular communication system that predicts the mobile's future movement and uses the prediction to reserve resources and optimize the establishment of routes in the network. Bahl does not teach or suggest an adaptive control of resources such as, for example, radio channels.

Summary of Jones

Jones discloses the monitoring of vehicle traveling techniques. The vehicle control unit compares the vehicle's location detected by a GPS sensor to a predetermined schedule to

determine if the vehicle is on schedule or off schedule. Jones does not teach or suggest the adaptive control of resources such as, for example, radio channels.

Comparison of Bahl and Jones to the independent claims

In stark contrast, independent Claims 1, 5 and 8 each are amended to recite that "each location registration area in said prescribed service area includes a resource management agent for managing a number of its radio channels, and said resource management agent is arranged to adaptively control the number of radio channels to be assigned to said location registration area in said prescribed service area in response to a command sent from said location management agent in accordance with said moving schedule information registered in said location registration database" (emphasis added).

This feature allows for effective and flexible channel assignment to the individual location registration areas before the movement of the mobile stations by using the moving schedule information processed by the location registration agent (see the second full paragraph of page 13 of the applicants' specification).

Accordingly, Bahl and Jones, even if they are combined, do not teach or suggest all of the recited features of the independent Claims 1, 5 and 8.¹ Therefore, Claims 1, 5 and 8 are not unpatentable over Bahl and Jones. Furthermore, Claims 2, 6 and 9 depend from Claims 1, 5 and 8, respectively, and thus are also not unpatentable over Bahl and Jones for at least the reasons provided for their corresponding independent claim.

¹ It is not necessary at this time to argue against the combination of Bahl and Jones, since even the combination does not teach or suggest all of the recited features in the claims. The applicants may present arguments against the combination should this become necessitated by future Office Action.

Therefore, favorable action is respectfully requested. In the event that the Examiner finds remaining impediment to a prompt allowance of this application that may be clarified through a telephone interview, the Examiner is requested to contact the undersigned attorney.

Dated this 30th day of September, 2004.

Respectfully submitted,



Adrian J. Lee
Registration No. 42,785
Attorney for Applicant
Customer No. 022913

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